

EXHIBIT 12

Certificate of Registration



This Certificate issued under the seal of the Copyright Office in accordance with title 17, *United States Code*, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

A handwritten signature in black ink that reads "Karen Taylor Clayett".

Acting United States Register of Copyrights and Director

Registration Number

TX 8-319-984

Effective Date of Registration:
April 06, 2017

Title

Title of Work: PSPICE 17.2

Completion/Publication

Year of Completion: 2016
 Date of 1st Publication: April 08, 2016
 Nation of 1st Publication: United States

Author

- Author: Cadence Design Systems, Inc.
- Author Created: computer program
- Work made for hire: Yes
- Citizen of: United States

Copyright Claimant

Copyright Claimant: Cadence Design Systems, Inc.
 2655 Seely Avenue, San Jose, CA, 95134, United States

Limitation of copyright claim

Material excluded from this claim: computer program
 Previous registration and year: TX 7-751-386, 2012

New material included in claim: computer program

Rights and Permissions

Organization Name: Cadence Design Systems, Inc.
 Address: 2655 Seely Avenue
 San Jose, CA 95134 United States

Certification

Name: Kristen McCallion
 Date: April 06, 2017
 Applicant's Tracking Number: 24901-0612001



Registration #: TX0008319984
Service Request #: 1-4753417579

Fish & Richardson PC
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